

CALIFORNIA GEOLOGY

35¢

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CALIFORNIA AND PLATE TECTONICS

GEOMORPHIC PROVINCES OF CALIFORNIA

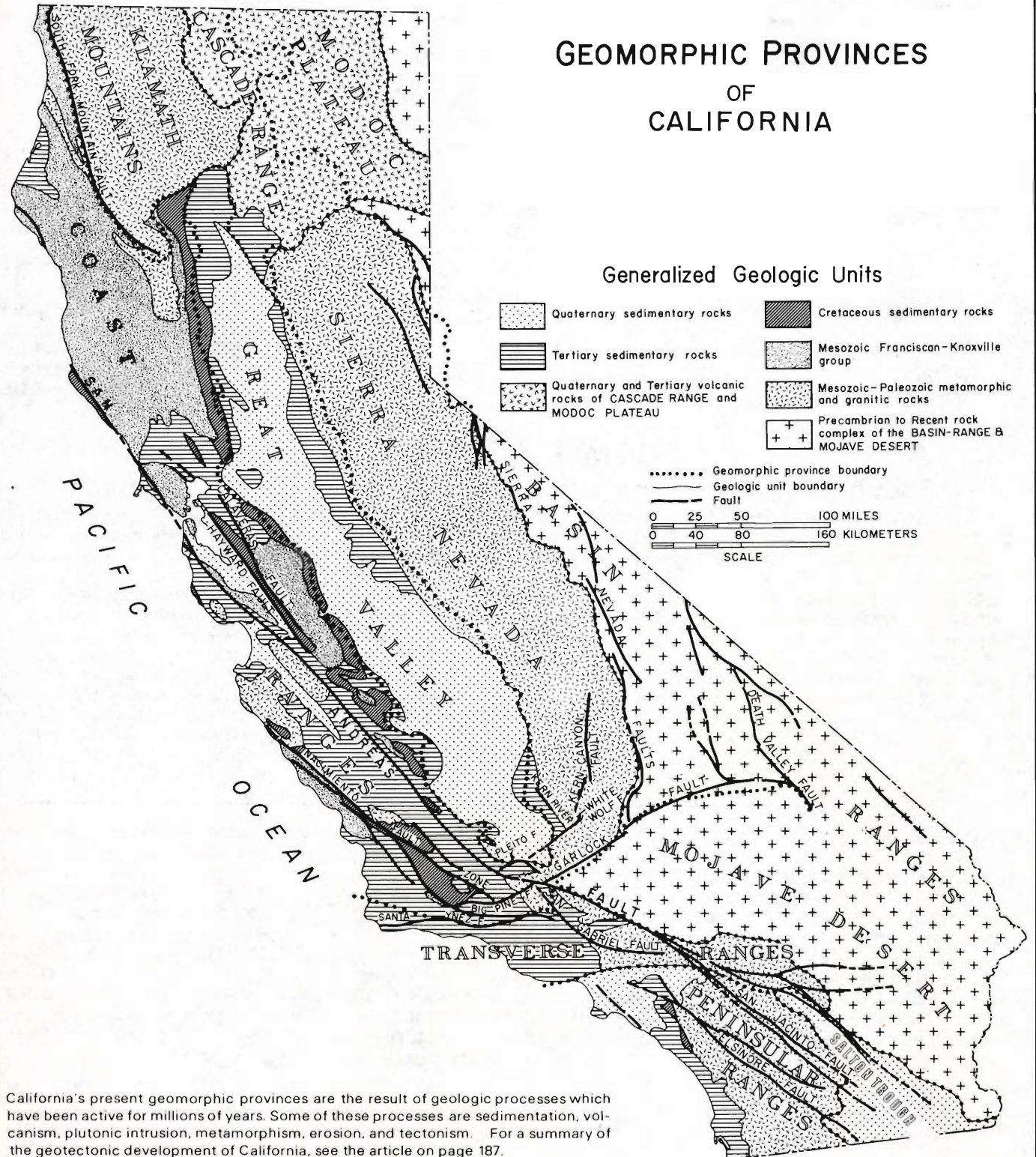
Generalized Geologic Units

- | | |
|---|---|
| Quaternary sedimentary rocks | Cretaceous sedimentary rocks |
| Tertiary sedimentary rocks | Mesozoic Franciscan-Knoxville group |
| Quaternary and Tertiary volcanic rocks of CASCADE RANGE and MODOC PLATEAU | Mesozoic-Paleozoic metamorphic and granitic rocks |
| | Precambrian to Recent rock complex of the BASIN-RANGE & MOJAVE DESERT |

..... Geomorphic province boundary
 ————— Geologic unit boundary
 ——— Fault

0 25 50 100 MILES
 0 40 80 160 KILOMETERS
 SCALE

SPECIAL RENEWAL ISSUE



California's present geomorphic provinces are the result of geologic processes which have been active for millions of years. Some of these processes are sedimentation, volcanism, plutonic intrusion, metamorphism, erosion, and tectonism. For a summary of the geotectonic development of California, see the article on page 187.